

Good Safety Program: Straight Ahead!

Rick O. Drumm, P.E.

Road School 2016

March 8, 2016

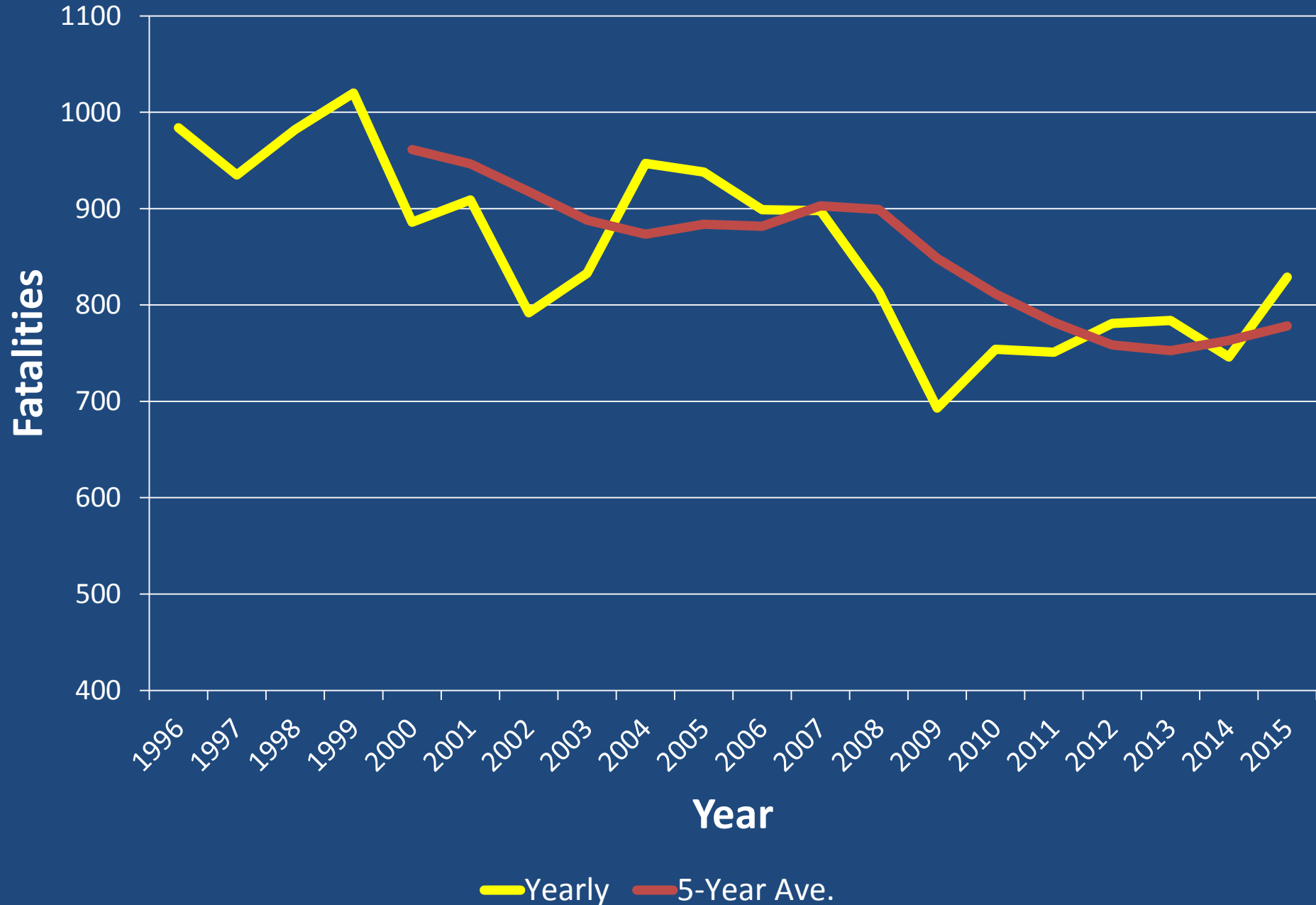
Good Safety Program

- “Just the facts.”
- Fed Notes
- Good Safety Program

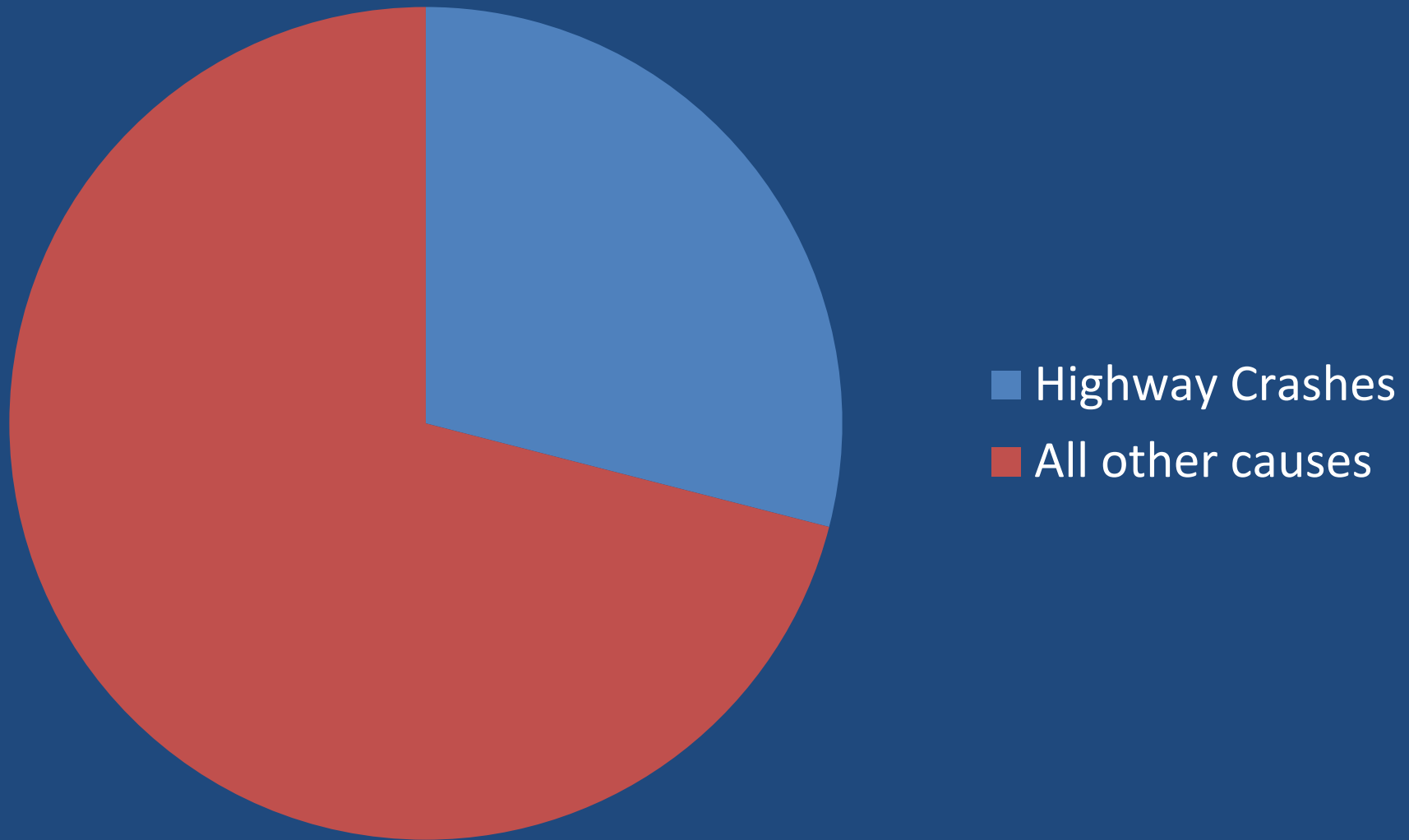
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Indiana Highway Fatalities



Fatalities for 16-20 year-olds, 2008-2009



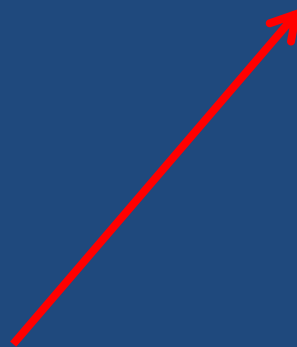
Leading Causes of Death - World

2004

Rank	Disease or injury
1	Ischaemic heart disease
2	Cerebrovascular disease
3	Lower respiratory infections
4	Chronic obstructive pulmonary disease
5	Diarrhoeal diseases
6	HIV/AIDS
7	Tuberculosis
8	Trachea, bronchus, lung cancers
9	Road traffic injuries
10	Prematurity & low-birth weight

2030 (projected)

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1	Ischaemic heart disease
2	Cerebrovascular disease
3	Chronic obstructive pulmonary disease
4	Lower respiratory infections
5	Road traffic injuries
6	Trachea, bronchus, lung cancers
7	Diabetes mellitus
8	Hypertensive heart disease
9	Stomach cancer
10	HIV/AIDS



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Fed Notes

- Rulemaking from MAP-21
- New Bill – FAST Act

“Recent” Highway Bills

Bill	Signed into Law	FY's Covered with Extensions
ISTEA	1991	FY1992-FY1997
TEA-21	1998	FY1998-FY2003 Extensions FY2004
SAFETEA-LU	2005	FY 2005-FY2009 Extensions FY2010-FY2011
MAP-21	2012	FY2013-FY2014
FAST Act	2015	FY2015-FY2020

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Rulemaking from MAP-21

Safety Rulemaking from MAP-21

- HSIP, including SHSP
- Safety Performance Measures
(one of a few PMs)

Rulemaking – the very basics

Law (or new circumstances, technology, problem, etc.)



Notice of Proposed Rulemaking (NPRM)

1. HSIP

2. Safety Performance Measures

Comment Period (min. 30, typically 60 days, maybe 90*,



Final Rule or Supplemental NPRM

(SNPRM)



Safety Performance Measures Specifically Named in MAP-21

- Fatalities – number
 - Fatality Rate – (number per vehicle miles traveled)
 - Serious Injuries – number
 - Serious Injury Rate (number per vehicle miles
traveled)
- Option for Rural vs. Urban

Performance Measures in Highway Safety

Performance Measures are important, but what rules is....

TARGET

Possible/ Tentative Timeline for Safety Performance Measures in MAP-21

- MAP-21 goes into effect October, 2012
- PM Rules Proposed Spring, 2014
- PM Rules Finalized ???(Spring, 2016)???
- State Selects TARGET 1 Year after Final Rule
- MPOs Select TARGET 6 months after State sets
- Did State meet* TARGET Two years after Target set
 * or make significant progress toward...
- Consequences If... next FY

www.fhwa.dot.gov/MAP21/

Performance Measures in Highway Safety – MAP-21

- Performance Measures described in Proposed Regulations - *may change with Final Rule
- Comment Period closed
- Target to be set by State, then MPOs
- Communication and Coordination between partners is essential
- Consequences may be ones States consider “unpleasant”
- ***Stay tuned. Stay informed.***

Could be any day now.

FAST Act Web Sites

- All FAST Act Info

<https://www.fhwa.dot.gov/fastact/>

- HSIP Fact Sheet

[https://www.fhwa.dot.gov/fastact/factsheets/
hsipfs.cfm](https://www.fhwa.dot.gov/fastact/factsheets/hsipfs.cfm)

Safety in the FAST Act

- Continues with similar funds, no big increase in HSIP
 - More for Hwy-RR Crossings
- Base Map Road Inventory – option for unpaved roads
- Eligibility for HSIP
 - Restricted List of non-infrastructure projects

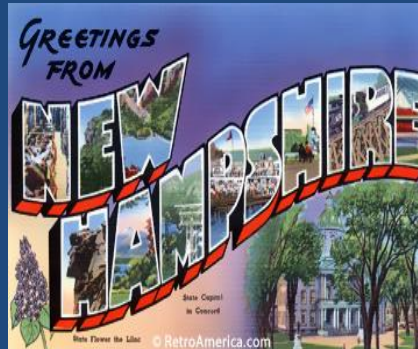
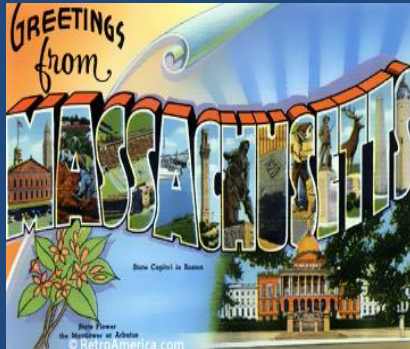
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HSIP Scan Tour

Fall, 2015

Host States



HSIP Scan Tour Team

State DOT




 Georgia - Michael Turpeau, Jr.


 Kansas – Steven Buckley

 Nevada – Ken Mammen

FHWA



 Indiana – Rick Drumm

 Oregon – Nick Fortey

 Tennessee – Jessica Rich

 Office of Safety – Karen Scurry

Toxcel



 Bruce Ibarguen

 Scott Kuznicki

Top 10 Characteristics of a Successful HSIP

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9. Identify Opportunities to Streamline Project Delivery
10. Evaluate the Success of the Program

Five practices stood out among all Scan States:

- Streamlined Access to Crash Data and Crash Report Information
- Strong Documentation of System Screening and Project Selection Processes
- Pathway for Local Involvement and Nomination of Projects
- Extensive Use of Road Safety Audits
- Deliberate and Documented Assessment of Project Performance

A few thoughts about:

Passion

Application to Indiana:

- Improve your data stuff
 - get your data
 - analyze your data
 - identify locations
- Document Your Safety Process
- Choose Locations (Hot Spots) and Systemics
- Use RSAs
- Implement Safety Projects

Please let me know of
safety countermeasures
in your area

Let me explain. No, there is too much. Let me sum up...

- “Highway Safety is a good thing.”
- Keep track of Federal rulemaking and information on new bill – FAST Act.
- Consider improvements in Highway Safety Program.
- Develop Passion for Highway Safety.
- Take Action.

Cause Safety